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Notice of Allowability	Application No.	Applicant(s)	
	10/004,567	DOLLARD, MICHAEL	
	Examiner	Art Unit	
	YOUNG T. TSE	2637	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--
 All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed on 15 February 2006.
2. ☒ The allowed claim(s) is/are 1,3-5,7-20 and 22-24.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____ |
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EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In claim 1, line 12, "the set of real valued" should be "a set of real-valued"; lines 13-14, "the series of N values to a first series of N/2 values" has been changed to "the N values to a first N/2-point complex-valued series"; and line 18, "real valued" has been changed to "real-valued".

In claim 5, line 12, "baseband" has been changed to "baseband,"; line 15, "a first series of N/2 values" has been changed to "a first N/2-point series of values"; line 17, "series to" has been changed to "series of values to"; and line 18, "the N/2-point set" has been changed to "the second N/2-point series".

In claim 9, line 4, "an OPDM frequency domain symbol" has been changed to "a frequency domain OFDM symbol"; line 8, "the converting of including" has been changed to "the step of converting including"; line 9, "a first series of N/2 values" has been changed to "a first N/2-point complex-valued series"; and line 15, "real valued" has been changed to "real-valued".

In claim 10, line 2, "said time" has been changed to "said real-valued time".

In claim 14, line 5, "transform" has been changed to "transformer"; line 7, "series of N/2 values" has been changed to "N/2-point series of values"; line 8, "the first series

using the $N/2$ point" has been changed to "the first $N/2$ -point series of values using the $N/2$ -point"; line 9, "series to" has been changed to "series of values to"; line 11, "the $N/2$ -point" has been changed to "the second $N/2$ -point"; and line 14, "domain symbol" has been changed to "domain OFDM symbol".

In claim 16, line 2, "said time" has been changed to "said real-valued time".

In claim 18, line 9, "converting of including" has been changed to "converting including"; line 10, "a first series of $N/2$ values" has been changed to "a first $N/2$ -point complex-valued series"; line 16, "real valued" has been changed to "real-valued"; and line 18, "said time" has been changed to "said real-valued time".

In claim 19, line 4, "using a" has been changed to "using"; line 5, "transform" has been changed to "transformer"; line 7, "a first series of $N/2$ values" has been changed to "a first $N/2$ -point series of values"; line 9, "the first series using the $N/2$ point" has been changed to "the first $N/2$ -point series of values using the $N/2$ -point"; and line 10, "series to" has been changed to "series of values to".

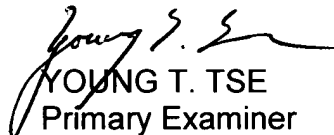
In claim 20, line 9, "a first series of $N/2$ values" has been changed to "a first $N/2$ -point complex-valued series"; line 15, "real valued" has been changed to "real-valued"; and line 16, "function; and" has been changed to "function".

In claim 24, line 5, "transform" has been changed to "transformer"; line 7, "series of $N/2$ values" has been changed to " $N/2$ -point series of values"; line 8, "the first series using the $N/2$ point" has been changed to "the first $N/2$ -point series of values using the $N/2$ -point"; line 9, "series to" has been changed to "series of values to"; and line 11, "the $N/2$ -point" has been changed to "the second $N/2$ -point".

Any inquiry concerning this communication or earlier communications from the examiner should be directed to YOUNG T. TSE whose telephone number is (571) 272-3051. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jay Patel can be reached on (571) 272-2988. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


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